

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-18-9  
Relating to Certification of New Motor Vehicles

AB VOLVO, CAR DIVISION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That AB Volvo, Car Division exhaust emission control systems for 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: 6CL  
Engine: 163 CID  
Transmission: 3 Speed Automatic, 4 Speed Manual with overdrive  
Exhaust Emission Control Systems: Fuel Injection, Lambda-Sond,  
Three Way Catalyst

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
6CL	0.32	4.8	1.1

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-18-1 series.

BE IT FURTHER RESOLVED: That the above models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles".

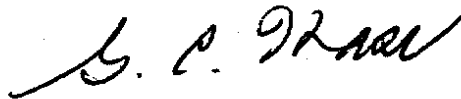
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Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 28 day of October, 1977.



G. C. Hass, Chief  
Vehicle Emissions Control Division

# 1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer Volvo Executive Order No. A-18-9 Page 1  
 Engine Family 6C8L Engine (CID) 163

## ABBREVIATIONS

### Distributor

C-Centrifugal Advance

V-Vacuum Advance

VR-Vacuum Retard

HEI-High Energy Ignition

EI-Electronic Ignition

### Fuel System

EFI, FI

nV-nVenturi Carburetor

VV-Variable Venturi

### Exhaust Emissions Control System

AI-Air Injection

CAI-Catalyst Air Injection

CAB-Chamber Air Bleed

DD-Dual Displacement

EFI-Electronic Fuel Injection

EGR-Exhaust Gas Recirculation

EM-Engine Modification

EFE-Early Fuel Evaporation

ESAC-Electronic Spark Advance  
Control

FI-Fuel Injection

OC-Oxidation Catalyst

PAI-Pulse Air Injection

RC-Reduction Catalyst

TC-Turbo Charged

TR-Thermal Reactor

TWC-Three Way Catalyst

(Feedback Control)

### EGR Syst. Service

I-Inspect, repair/replace  
as needed

R-Replace

### Engine Code

6CL

### Model

262 Sedan

264 Sedan

265 Station Wagon

### Transmission

M5, A3

M5, A3

M5, A3

## 1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

☒ Passenger Cars☐ Light-Duty Trucks☐ Medium Duty VehiclesManufacturer Volvo Executive Order No. A-18-9 Page 2Engine Family 6CL Engine (CID) 163 Engine Code Emission Control System Lambda-Sond + TWC +10%(A/C) Yes ☒ No ☐

Eng. Code	Vehicle Models (If Coded see attachment)	Trans	Inertia Weight Class	Distributor Type C,V Mfgr. Part Number	Fuel System Type F1 Mfgr. Part Number	EGR System None Part No. Service	Tune-Up Specification (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	262 264 265	M5 A3	3500	269739	Fuel Metering Unit: Bosch 438 100 033  Air Metering Unit: Bosch 438 056  Air/Fuel Unit: Volvo 126 9010		(1) 10° + 2° BTDC @ 750 ± 50 RPM Vacuum disconnected Trans. neutral A/C off  (2) 1.0% + 0.3% CO @ 900 RPM, Oxygen sensor disconnected, sample from taps on exhaust header pipes (each bank)  (3) 900 R.P.M.

Comments: No models have special road load HP settings.  
See page 1 for abbreviations and model codes.

Date of Issue

Revisions: